



End-To-End Jewellery ERP Implementation – From Pure Gold Procurement To Retail Sales

Client Overview

The client is a jewellery manufacturing and retail business dealing with pure gold, diamonds, kundan, and stones. The business works closely with karigars (artisans), internal production teams, and salespersons. The objective was to implement a complete Jewellery ERP system covering the entire lifecycle from buying pure gold to final retail sales, while maintaining strict control over materials, finances, and traceability.

Business Challenges



Manual tracking of pure gold issued to karigars



Limited control over diamonds, kundan, and stones during manufacturing



Difficulty reconciling karigar gold balances and labour finances



Absence of a standardized internal work order process



No traceability for finished ornaments



Manual sales, invoicing, and delivery processes



Challenges in tracking unsold ornaments returned by salespersons

Solution Overview

A custom Jewellery ERP was designed and implemented to manage the complete workflow:



Pure Gold Buying



Karigar Issue



Manufacture



Internal Work Orders



Finished Ornament



Sales



Accounting & Reporting

The solution ensures complete material traceability, financial accuracy, and operational transparency.

Pure Gold Procurement & Inventory

The system manages the purchase of pure gold with precise purity and weight tracking. Gold inward entries automatically update inventory and accounting, providing real-time visibility of available pure gold stock

Karigar Issue & Return Management

Pure gold is issued to karigars against job work. The system tracks gold issued versus gold returned along with finished ornaments and unused balance gold. All movements are automatically reflected in karigar balances.

Karigar Finance & Balance Management

Karigar-wise gold balances, labour charges, advances, and settlements are maintained. The system generates complete karigar ledgers covering both material and financial transactions.

Internal Two-Step Work Order Process

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Step 1: Kundan Work Order created using parameters such as design, size, purity, and weight.

02

Step 2: Stone & Diamond Work Order where diamonds, and stones are issued and consumed.

This two-step process ensures controlled handling of high-value stones during manufacturing.



Finished Ornament Management & QR Generation

Finished ornaments are received into inventory and a unique QR code is generated for each item. The QR code links design details, gold purity and weight, stone details, and karigar reference, ensuring full traceability from manufacturing to sale.

Salesperson Issue & Sales Workflow

Finished ornaments are issued to salespersons. Salespersons can generate Sales Orders for customers based on issued stock, reserving specific ornaments for sale.

Sales Approval, Invoicing & Delivery

Sales Orders go through an approval workflow. Upon approval, a Sales Invoice is generated and a Delivery Note is created automatically, ensuring accurate stock and accounting updates.

Unsold Ornament Return From Salesperson

Unsold ornaments are returned by salespersons. The system reconciles issued, sold, and returned ornaments, ensuring accurate inventory and valuation.

Accounting & Financial Management

The ERP system provides fully integrated accounting with automatic ledger postings for gold purchases, karigar issues and returns, labour charges, sales, and returns. Accurate Profit & Loss and Balance Sheet reports are generated.

Business Impact

- End-to-end visibility from gold purchase to final sale
- Accurate karigar gold and financial balance tracking
- Controlled handling of diamonds, kundan, and stones
- Standardized internal manufacturing workflows
- Faster sales and billing cycles
- Full ornament traceability using QR codes
- Audit-ready financial reporting

Conclusion

The Jewellery ERP implementation transformed the client's operations by unifying procurement, manufacturing, karigar management, sales, and accounting into a single platform. The solution delivered accuracy, transparency, and scalability, enabling confident handling of high-value materials and supporting future business growth.